

Daily Check

This daily check is to be completed by SNO Lab personnel during COUPP Phase I operation August 2010. The purpose is to ensure that the fluids consumed in COUPP operation are well supplied. These fluids are the heater/chiller water bath and the compressed nitrogen for pressure cart operation.

Emergency contacts are:

Mike Cristler	Cell: (630) 276-8705	Work: (630) 840-4099
Jeter Hall	Cell: (801) 735-7433	Work: (630) 840-6660

1. Check for water or glycol leaks underneath the pressure vessel and the hydraulic cart within the containment area. If a leak is found, clean it up then contact Mike Cristler or Jeter Hall.
 - a) If a leak is found it is most likely glycol. Use the glycol spill cleanup procedure.
 - b) If you can confirm that the leak is from the hoses leading to the NESLAB, check that the fluid is water. Use a paper towel or a pen to check that the viscosity of the fluid matches water, then use mops or towel to cleanup the spill.
2. Check the water level of the NESLAB heater/chiller. Lift the bath lid. The water level should be between the lines on the back wall of the bath.
 - a) If the level is near the bottom line, top up the bath with the RO water from the jug below the NESLAB. No additional PPE should be required.
3. Check and log the nitrogen cylinder pressure. The log sheet is located on the inside of the COUPP Operations Procedures Binder shelved on the racks.
 - a) If the pressure drops below 500psi, replace the cylinder. Back off the regulator, remove the regulator from the empty cylinder, connect the regulator to the full bottle, and set the regulator to 50psi. Do not disconnect the regulator from the hydraulic cart. Log the new cylinder
 - b) pressure. Inform Mike Cristler or Jeter Hall that the cylinder has been changed.

Daily Check Log

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